

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/010657

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61B5/0452

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 776 630 A (HEWLETT-PACKARD COMPANY) 4 June 1997 (1997-06-04) page 4, line 10 - line 41 page 6, line 20 - page 7, line 27 page 8, line 10 - line 42 figures 2,5,8A-8C,11A-12,15,16,18	1-7,10, 13-17
Y		8,9
Y	US 5 666 959 A (DEANS ET AL.) 16 September 1997 (1997-09-16) abstract column 5, line 57 - column 6, line 49 -/-	8,9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

18 August 2005

Date of mailing of the international search report

27 SEP 2005

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International Application No  
PCT/EP2004/010657

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 064 906 A (LANGBERG ET AL.) 16 May 2000 (2000-05-16) column 8, line 62 - column 11, line 55 column 13, line 53 - column 14, line 51 figures 4-5d	1-6, 10-14,17
A	-----	15,16
A	WO 01/67950 A (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA) 20 September 2001 (2001-09-20) page 19, line 7 - page 21, line 3 figure 6	7-9
X	----- EP 1 110 503 A (GE MARQUETTE MEDICAL SYSTEMS, INC) 27 June 2001 (2001-06-27) paragraph '0003! - paragraph '0008! paragraph '0021! - paragraph '0037! figures 1-3	18-26
X	----- US 6 609 019 B1 (TESHIGAWARA ET AL.) 19 August 2003 (2003-08-19) column 6, line 55 - column 8, line 30 column 15, line 31 - line 67 column 16, line 19 - column 18, line 29 column 19, line 16 - column 20, line 22 column 22, line 8 - column 25, line 7 figures 4-6,9,14-17,21,24-31	18-22
A	----- EP 0 711 531 A (ORTIVUS MEDICAL AB) 15 May 1996 (1996-05-15) page 4, line 36 - page 9, line 5 figures 8-13	18-21, 23-26

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2004/010657

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-17

Analysing a heart beat signal.  
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2. claims: 18-26

Heart beat analysis apparatus with an editor enabling a user to edit parameters relating to the representative heart beat complex.  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010657

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0776630	A	04-06-1997	US 5682900 A DE 69626178 D1 DE 69626178 T2 EP 0776630 A1 JP 9168520 A	04-11-1997 20-03-2003 04-12-2003 04-06-1997 30-06-1997
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